

EXPANSILE DEVICE FOR USE IN BLOOD VESSELS AND TRACTS IN THE BODY AND METHOD

ABSTRACT OF THE DISCLOSURE

A device for expansion within a blood vessel having a wall defining a lumen in the body. The device comprises an elongated tubular member having proximal and distal extremities and having a longitudinal axis. An expansile member is carried by the distal extremity of the elongated tubular member and is movable between contracted and expanded configurations. A deformable membrane having proximal and distal outer surfaces at least partially covers the expansile member in the expanded configuration. The proximal and distal outer surfaces have substantially different configurations when the expansile member is in the expanded configuration. Deployment means is carried by the proximal extremity of the elongated tubular member and is coupled to the expansile member for moving the expansile member between the contracted and expanded configurations. A handle assembly is carried by the proximal extremity of the elongated tubular member and coupled to said deployment means.

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